EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	302784	YAZAKI.AS. OR (NAGASAWA OR OZAKI OR SHIMIZU).IN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2011/06/17 13:38
L2	34	1 and "bus line" and protocol	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2011/06/17 13:38
L3	16	2 and connector	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2011/06/17 13:38
S1	6	"552453".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:46
S2	43762	yazaki.as.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:54
S3	45	S2 and protocol and vehicle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/24 15:57
S4	9235	(vehicle same ((ECU or processor or microprocessor or controller) same ((can with bus) or "controlled area network" or bus)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:50
S5	932	(vehicle same ((ECU or processor or microprocessor or controller) same (((can with bus) or "controlled area network" or bus) same protocol)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:50
S6	0	S5 and (corner$4 with light) and ((wiper or windshield wiper) with fluid)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:51
S7	5	S5 and (corner$4 with light)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:51

S8	331	S5 and ((corner$4 or turn$4) with (light or signal$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:51
S9	81	S5 and ((corner$4 or turn$4) with (light or signal$4)) and (fluid with (amount or level))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:52
S10	5	S9 and (conver$ with protocol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:52
S11	1	S9 and (transduc$ with protocol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:54
S12	18	S5 and ((corner$4 or turn$4) with (light or signal$4)) and (fluid with (amount or level)) not breed.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:55
S13	6	"875103".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:59
S14	7	"975103".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 12:59
S15	14	(US-20030109987-$ or US-20030095049-$).did. or (US-7102496-$ or US-6994562-$ or US-6747982-$ or US-6700795-$ or US-6665310-$ or US-6522935-$ or US-6272135-$ or US-6167061-$ or US-5978352-$ or US-5859845-$ or US-6359554-$ or US-6273771-$).did.	US-PGPUB; USPAT	OR	ON	2008/11/25 13:30
S16	3	S15 and ("load control" with connector)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 13:31
S17	6	"420021".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/25 13:54
S18	6	"552453".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/28 14:12

S19	418	(clearance with (lamp or light)) and (corner$4 with (lamp or light))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/28 14:13
S20	167	S19 and vehicle	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/28 14:13
S21	3	S20 and ecu	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/28 14:13
S22	21664	(corner$4 with (lamp or light))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/28 14:14
S23	366	(corner$4 with (lamp or light)) same (controller or ecu)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/28 14:15
S24	74	((corner$4 with (lamp or light)) same (controller or ecu) same vehicle)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/11/28 14:15
S25	13	("4272790" | "4887263" | "5150363" | "5533029" | "5550825" | "5592485"). PN. OR ("5859845"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/28 14:43
S26	8	S25 and protocol	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/28 14:43
S27	1	"4156151".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/28 14:44
S28	1	"5990573".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/28 14:44
S29	1	"6420979".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/28 14:45
S30	2	"20020065594"	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/28 14:45
S31	1	"5670845".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/28 14:45
S32	1	"5508689".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/28 14:46
S33	1	"6485155".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/28 14:46
S34	1	"10552453"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/23 16:19

S35	15	("4272790" | "4887263" | "5150363" | "5533029" | "5550825" | "5592485"). PN. OR ("5859845"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 14:01
S36	9	S35 and ((bus or communicat$4) with line)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 14:01
S37	5	S36 and protocol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 14:01
S38	3	"20030055942"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/24 14:02
S39	7	("4484258" | "4510565" | "4853888" | "4855896" | "5249115" | "5438506"). PN. OR ("6522935"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 14:03
S40	9	("5079759" | "5117421" | "5251211" | "5272699" | "5375120").PN. OR ("5978352").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 14:04
S41	4	S40 and ((bus or communicat$4) with line) and protocol	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 14:04
S42	106343	yazaki.as. or (nagasawa or ozaki or shimzu).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/24 14:24
S43	11	S42 and ((bus or communicat$4) with line) and protocol and vehicle and load	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/24 14:25
S44	4	"3927752".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/06/24 17:28
S45	6095	(protocol same (multiplex $4 or demultiplex$4) same ((switch$4 or convert$4 or chang$4 or alter$4 or modify$4 or convert$4 or conversion) with protocol))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/01/04 11:23

S46	16	((protocol same (multiplex $4 or demultiplex$4) same ((switch$4 or convert$4 or chang$4 or alter$4 or modify$4 or convert$4 or conversion) with protocol)) same vehicle same (ECU or processor or controller))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/01/04 11:23
S47	2	"6608554".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/01/04 11:39
S48	2	"20020060625"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/01/04 11:39
S49	2	("2002/0060625").URPN.	USPAT	OR	ON	2010/01/04 12:28
S50	9	("5079759" | "5117421" | "5251211" | "5272699" | "5375120").PN. OR ("5978352").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 12:29
S51	4	S50 and protocol	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 12:29
S52	109026	yazaki.as. or (nagasawa or ozaki or shimzu).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/01/04 12:31
S53	39	S52 and "bus" and (vehicle with (controller or ecu or processsor)) and load	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/01/04 12:32
S54	1	S53 and ((protocol same (multiplex$4 or demultiplex $4) same ((switch$4 or convert$4 or chang$4 or alter$4 or modify$4 or convert$4 or conversion) with protocol)) same vehicle same (ECU or processor or controller))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/01/04 12:32
S55	6	"552453".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:00
S56	1239	(lin with (protocol or bus)) and (can with (protocol or bus))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:06

S57	376	((lin with (protocol or bus)) and ((controller with area with network) with (protocol or bus))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:08
S58	314	S57 and (vehicle with control$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:09
S59	36	S58 and ((translat$4 or convert$4 or conversion) with protocol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:09
S60	1708	((lin or "d2b" or media) with (protocol or bus)) and ((controller with area with network) with (protocol or bus))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:16
S61	349	S60 and ((translat$4 or convert$4 or conversion) with protocol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:16
S62	90	S61 and (vehicle with control$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:16
S63	1086	"9" and (((slow and fast) with (speed or rate)) with (transmit$4 or transmission))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:17
S64	0	S62 and (((slow and fast) with (speed or rate)) with (transmit$4 or transmission))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:17
S65	1708	((lin or "d2b" or "media") with (protocol or bus)) and ((controller with area with network) with (protocol or bus))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/24 15:19
S66	14183	(controller-area or "controller area" or van or flexray or lin or j1939 or iso or "media oriented" or d2b or keyword or dc-bus or idb or smartwirex or j1850 or j1708 or j1587 or spi or iic) with protocol	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/25 11:22

S67	823	(((controller-area or "controller area" or van or flexray or lin or j1939 or iso or "media oriented" or d2b or keyword or dc-bus or idb or smartwirex or j1850 or j1708 or j1587 or spi or iic) with protocol) same ((convert$4 or conversion or transform$4 or transformation) same (command or input or signal or data))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/25 11:23
S68	142	S67 and (((high and low) with (speed or rate)) same protocol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/25 11:24
S69	62	S68 and ((ECU or processor) with (intercommunicat$4 or communicat$4))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/25 11:25
S70	8073	(((controller-area or "controller area" or van or flexray or lin or j1939 or iso or "media oriented" or d2b or keyword or dc-bus or idb or smartwirex or j1850 or j1708 or j1587 or spi or iic) with protocol) same (command or input or signal or data)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/25 11:37
S71	1486	S70 and (vehicle same (ecu or controller or processor))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/25 11:37
S72	63	S71 and (((high and low) with (speed or rate)) same protocol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/25 11:37
S73	2	"6420797".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/25 11:42
S74	545	(vehicle with (multiple or plurality) with protocol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 11:09
S75	46	(vehicle with (processor or ECU) with (multiple or plurality) with protocol)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 11:09

S76	13	(vehicle with (processor or ECU) with (multiple or plurality) with protocol) same (bus or (sub adj bus))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 11:09
S77	17	("4272790" | "4887263" | "5150363" | "5533029" | "5550825" | "5592485"). PN. OR ("5859845"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/28 11:18
S78	4	S77 and vehicle and protocol	US-PGPUB; USPAT; USOCR	OR	ON	2010/06/28 11:19
S79	6	"552453".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 11:22
S80	5	"2002003781"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 12:05
S81	2	"20020003781"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 12:05
S82	39	(US-20030109987-$ or US-20030095049-$ or US-20030055942-$ or US-20090102626-$ or US-20020060625-$ or US-20050143884-$ or US-20040176935-$ or US-20050080517-$ or US-20100020816-$ or US-20090138749-$ or US-20040037313-$ or US-20060208873-$ or US-20060106514-$ or US-20020003781-$).did. or (US-6700795-$ or US-6522935-$ or US-6272135-$ or US-6167061-$ or US-5978352-$ or US-5859845-$ or US-6359554-$ or US-6273771-$ or US-7253566-$ or US-5592485-$ or US-5990573-$ or US-5670845-$ or US-5508689-$ or US-5533029-$ or US-6321148-$ or US-6301508-$ or US-5251211-$ or US-5675189-$ or US-6338010-$ or US-5732074-$ or US-6023232-$ or US-7275027-$ or US-6420797-$ or US-5995512-	US-PGPUB; USPAT	OR	ON	2010/06/28 13:24

		$ or US-5726638-$).did.				
S83	3	S82 and lin	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 13:24
S84	1595	(lin same vehicle)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 13:24
S85	349	(lin same vehicle) same protocol	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 13:24
S86	53	(lin same vehicle) same protocol same (processor or ecu)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 13:25
S87	12	lin with "iso 9141"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 13:31
S88	2	("2002/0003781").URPN.	USPAT	OR	ON	2010/06/28 14:15
S89	289106	YAZAKI.AS. OR (NAGASAWA OR OZAKI OR SHIMIZU).IN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 14:21
S90	11	S89 AND vehicle and protocol and lin	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2010/06/28 14:21
S91	7	"552453".ap.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2011/06/17 09:57
S92	3	("2006/0274467").URPN.	USPAT	OR	ON	2011/06/17 10:00
S93	17	("4272790" | "4887263" | "5150363" | "5533029" | "5550825" | "5592485"). PN. OR ("5859845"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/17 10:57
S94	14	S93 and bus	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/17 10:58
S95	7	S93 and bus and vehicle	US-PGPUB; USPAT; USOCR	OR	ON	2011/06/17 10:59

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